

# ODC2

## Splice closures

Optotec has a wide range of closures matching every need in telecommunication networks.

Main features are:

- Watertight IP68 (IEC 529)
- Suitable for traditional cables and micro-cables with G652 to G657 fibers.
- Inside a STACK is used to fix SAMX splicing modules on both sides. The internal STACK space can be used as storage for the midspan looped loose tubes.
- All closures are equipped with a re-enterable locking system made up of a CLAMP and a specific O-ring which guarantees the seal.
- All Optotec' closures have an RFID system and QR code to access installation instructions.



## APPLICATIONS

- Butt-end closures for trunk, branch and pot-head joints
- Underground and overhead
- Underground networks: inside handholes/manholes
- Aerial networks: on pole

## INSTALLATIONS

- Handholes, manholes and chambers
- Poles
- Pot-head

## KEY FEATURES AND BENEFITS

- High quality thermoplastic material - watertight
- BASE and DOME (IP68, IEC 529) with clamp and O-ring closing system
- Management of various types and diameters of tube cables, slotted core
- Equipped with a clamp system to seal the BASE to the DOME
- Dedicated area to midspan cable modules (loop cable)
- Internal STACK can be configurable with SAMX HD modules according to the splice capacity needs
- BASE is suitable for both the heat-shrinking sealing kit and cold sealing kit (BASE A and BASE C)

COMPONENTS AND CONFIGURATIONS

DIMENSIONS WITH

DOME A

Height 390 mm  
Ø 247 mm

DOME B

Height 525 mm  
Ø 247 mm

DOME C

Height 770 mm  
Ø 247 mm

Clamp



DIMENSIONS

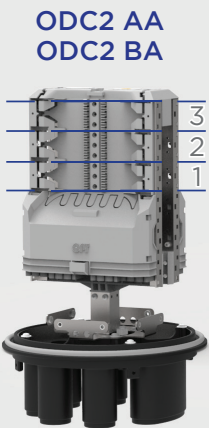
Ø 285 mm



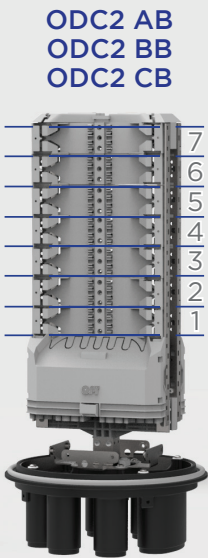
CONFIGURATIONS WITH WAPX

Example: ODC2 AB

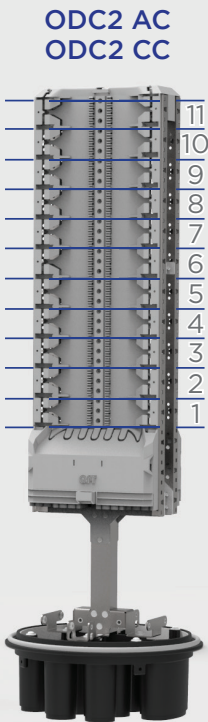
with 7+7 WAPX x72 (SAMX HD capacity) = 1008 fibre



3 WAPX per side  
Total 6



7 WAPX per side  
Total 14



11 WAPX per side  
Total 22

PACKAGING

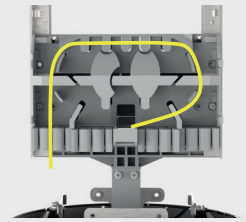
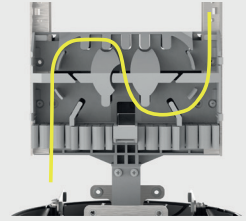
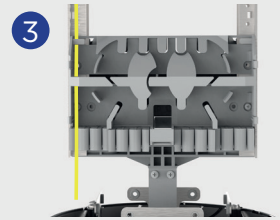
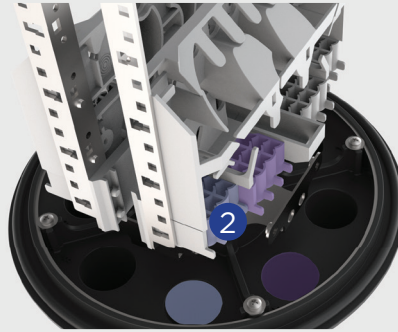
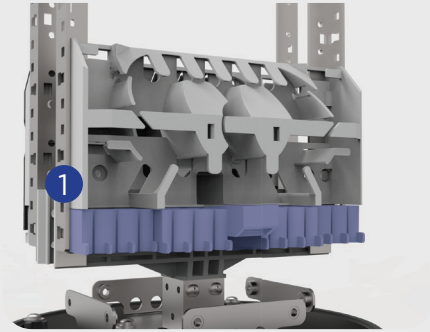
PRODUCT NAME	PACKAGING TYPE	DIMENSIONS (MM)			GROSS WEIGHT (KG.)
		WIDTH	DEPTH	HEIGHT	
ODC2-XA	Carton Box	300	300	500	~4
ODC2-XB	Carton Box	300	300	550	~5
ODC2-XC	Carton Box	300	300	800	~6

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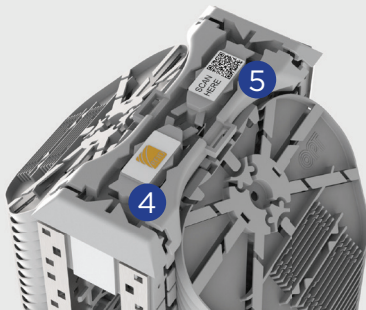
Users of STL products should make their own evaluation to determine the suitability of such each product for the specific application.

## ... AND MUCH MORE FEATURES!

- ① New tube holders with hand opening system
- ② Aligned tube holders with cable entry ports
- ③ Large storage area for cable entry and fibre directional changes



- ④ RFID NFC tag for data storage readable even when the closure is close.  
Write/read with free of charge apps available on iOS and Android
- ⑤ Unloosable QR code installation instruction remote upgradable, ecofriendly



- ⑥ Grounding passthrough point for non dielectric cables
- ⑦ Lockable clamp for more security on the field



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## GUIDE TO SPLICE

### TECHNICAL FEATURES


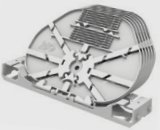
- Loop-Back facility: Yes
- Material: ABS-PC
- Flammability Rating: UL-94 V0
- Colour\*: RAL 7035

*\*other colours available upon request*


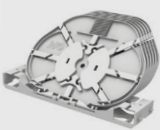
### APPLICATION

- Fibre management inside OPTOTEC products
- Hold and protect the splice



#### FIBERTERM SPLICE

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE
HD6-8H 	6	8H	48
HD6-12H 	6	12H	72





#### FIBERCLIP SPLICE

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE
HD4-12C 	4	12C	48
HD6-12C 	6	12C	72

#### FIBERTERM SPLICE-ARRANGED ON 3 LAYERS

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY ARRANGED ON LAYERS	TOTAL NUM. SPLICES PER MODULE
HD3-24H 	3	 3 LAYERS (8+8+8)  total. 24H	72

#### FIBERTERM SPLICE-ARRANGED ON 2 LAYERS

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY ARRANGED ON LAYERS	TOTAL NUM. SPLICES PER MODULE
HD4-12H 	4	 2 LAYERS (6+6)  total. 12H	48
HD4-24H 	4	 2 LAYERS (12+12)  total. 24H	96

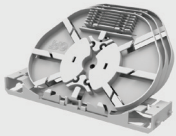

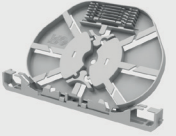



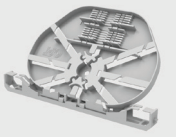



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## GUIDE TO SPLICE

### FIBERTERM SPLICE AND PLC SPLITTER

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. PLC PER MODULE	HELD SPLITTER SIZES	TOTAL NUM. SPLICES PER MODULE
HD3-18H-1PLC 	3	 3 LAYERS (6+6+6)  total 18H	3	4x7x50 mm	54
HD1-18H-1PLC 	1	 3 LAYERS (6+6+6)  total 18H	1	4x7x50 mm	18
HD4-12H-2PLC 	4	 2 LAYERS (6+6)  total 12H	8	4x7x50 mm and 4x4x40mm	48
HD1-12C-2PLC 	1	 1 LAYER (6+6)  total 12C	2	4x7x50 mm	12
HD3-12C-2PLC 	3	 1 LAYER (6+6)  total 12C	6	4x7x50 mm	36

### COMPATIBLE BARE FIBRE SPLITTER SIZES

4x4x40 mm (typ. n:2, n:4, n:8)






7x4x50 mm (typ. n:16 and n:32)



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## GUIDE TO COLD SEALING CCSO-CCSR ODCKIT

KIT CODE AND PICTURE	SEALING TYPE	CABLE MANAGEMENT CAPACITY		USE ON BASE		
		MAX CABLES No.	CABLE TYPE AND RANGE MIN-MAX	TYPE A	TYPE B	TYPE C
<b>ODCKIT-CCSO-2x20</b> 	OVAL COLD SEALING	2	 10 - 20 mm	 1 KIT maximum	 1 KIT maximum	 2 KIT maximum
<b>ODCKIT-CCSO-2x14</b> 	OVAL COLD SEALING	2	 10 - 14 mm	 1 KIT maximum	 1 KIT maximum	 2 KIT maximum
<b>ODCKIT-CCSO-4x10</b> 	OVAL COLD SEALING	4	 5 - 10 mm	 1 KIT maximum	 1 KIT maximum	 2 KIT maximum
<b>ODCKIT-CCSR-1x20</b> 	ROUND COLD SEALING	1	 12 - 20 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-1x14</b> 	ROUND COLD SEALING	1	 10 - 14 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-2x12</b> 	ROUND COLD SEALING	2	 8 - 12 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-4x10</b> 	ROUND COLD SEALING	4	 7 - 10 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-6x8,6</b> 	ROUND COLD SEALING QUICK-LOCK	6	 7 - 8,6 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-6x8</b> 	ROUND COLD SEALING	6	 6 - 8 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-8x6</b> 	ROUND COLD SEALING	8	 4 - 6,4 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-8x4</b> 	ROUND COLD SEALING	8	 3 - 5,5 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-16x3</b> 	ROUND COLD SEALING	16	 0 - 3 mm	 6 KIT maximum		 8 KIT maximum
<b>ODCKIT-CCSR-4XR95</b> 	ROUND COLD SEALING	4	 8,5-7 mm 5-4 mm	 6 KIT maximum		 8 KIT maximum

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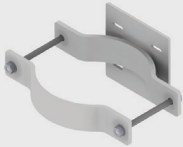
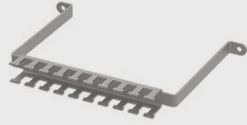




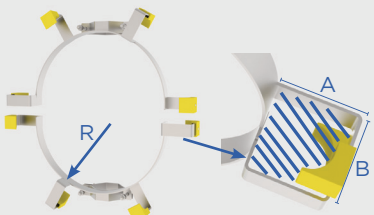
## GUIDE TO HEAT-SHRINK SEALING ODCKITS

KIT CODE AND IMAGE	SEALING TYPE	CABLE MANAGEMENT CAPACITY		USE ON BASE		
		MAX CABLES NO.	CABLE Ø RANGE MIN-MAX	TYPE A 	TYPE B 	TYPE C 
<b>ODCKIT-OVAL PORT SEAL LT</b> 	HEAT-SHRINK OVAL SEALING	2	14 - 25mm	✓ 1 KIT MAXIMUM	✓ 1 KIT MAXIMUM	✓ 2 KIT MAXIMUM
<b>ODCKIT-ROUND PORT A SEAL LT</b> 	HEAT-SHRINK ROUND SEALING	1	14 - 28mm	✓ 6 KITS MAXIMUM	✗	✓ 8 KITS MAXIMUM
<b>ODCKIT-ROUND PORT SEAL LT EXT</b> 	HEAT-SHRINK ROUND SEALING	1	8 - 28mm	✓ 6 KITS MAXIMUM	✗	✓ 8 KITS MAXIMUM
<b>ODCKIT-ROUND PORT B SEAL LT</b> 	HEAT-SHRINK ROUND SEALING	1	6 - 20mm	✗	✓ 18 KITS MAXIMUM 6 KITS with cable Ø 6 - 20mm and 12 KITS with cable Ø 6 - 14mm	✗
<b>ODCKIT-DROP WITH ONE MORE CABLE ENTRY</b> 	HEAT-SHRINK SEALING AND SECOND CABLE CONFIGURATION ROUND A	1 (2)	6 - 14mm	✓ 6 KITS MAXIMUM	✗	✓ 6 KITS MAXIMUM
<b>ODCKIT-2° ADDED DROP CABLE ENTRY</b> 	HEAT-SHRINK SEALING AND SECOND CABLE CONFIGURATION ROUND A	1	6 - 14mm	✓ 6 KITS MAXIMUM	✗	✓ 6 KITS MAXIMUM
<b>ODCKIT-TAP</b> 	ARMoured CABLES GROUND FEED-THROUGH			✓	✓	✓
<b>ODCKIT-OPS-CC</b> 	OVAL HEAT-SHRINK SEALING FOR SLOTTED CORE CABLES			✓	✗	✓
<b>ODCKIT-RPS-CC</b> 	ROUND HEAT-SHRINK SEALING FOR SLOTTED CORE CABLES			✓	✗	✓

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## GUIDE TO MOUNTING BRACKETS AND CABLES STORAGE ODCKIT

KIT CODE AND IMAGE	KIT FEATURES
ODCKIT-WMB 	WALL MOUNTING BRACKET
ODCKIT-PMK 	POLE MOUNTING KIT  This kit fixes the <a href="#">ODCKIT-WMB</a> [not included] to the pole (pole diameter from 200mm to 100mm)
CODCKIT-CFP 	CABLES FIXATION PLATE External extra fixation for tubes or heavy duty cables (1x with base A or 2x with base C) (2x <a href="#">ON ODCKIT-WMB</a> )
ODCKIT-PHMK 	POT-HEAD MOUNTING KIT  The kit fix <a href="#">ODC2</a> to a square pole (max 80x180mm)
ODCKIT-WMB TT 	ODCKIT-WMB FOR POWERLINE TRELLIS
MB-ODC2KIT 	MOUNTING BRACKET FOR MOBRA ARM  Suitable to be installed on standard MOBRA Arms
POLE MOUNTING SLACK STORAGE TYPE 01 	POLE COMPACT SLACK STORAGE FOR CABLES  STORAGE AREA A=20mm B=38mm
POLE MOUNTING SLACK STORAGE TYPE 02 	POLE SLACK STORAGE FOR CABLES  STORAGE AREA A= 105mm B= 100mm

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